DorothÃ©e Weikert

List of Publications by Year
in descending order

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24	537	758635 12	642321 23
papers	citations	h-index	g-index

24	24	24	841
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structure-guided development of heterodimer-selective GPCR ligands. Nature Communications, 2016, 7, 12298.	5.8	81
2	Functionally Selective Dopamine D₂, D₃ Receptor Partial Agonists. Journal of Medicinal Chemistry, 2014, 57, 4861-4875.	2.9	76
3	Discovery of G Protein-Biased Dopaminergics with a Pyrazolo[1,5-a]pyridine Substructure. Journal of Medicinal Chemistry, 2017, 60, 2908-2929.	2.9	55
4	Rational design of agonists for bitter taste receptor TAS2R14: from modeling to bench and back. Cellular and Molecular Life Sciences, 2020, 77, 531-542.	2.4	40
5	Structure-based development of a subtype-selective orexin 1 receptor antagonist. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 18059-18067.	3.3	33
6	Hydroxy-Substituted Heteroarylpiperazines: Novel Scaffolds for Î²-Arrestin-Biased D₂R Agonists. Journal of Medicinal Chemistry, 2017, 60, 4693-4713.	2.9	32
7	Structure-Guided Screening for Functionally Selective D₂ Dopamine Receptor Ligands from a Virtual Chemical Library. ACS Chemical Biology, 2017, 12, 2652-2661.	1.6	32
8	A Chemical Biology Toolbox Targeting the Intracellular Binding Site of CCR9: Fluorescent Ligands, New Drug Leads and PROTACs. Angewandte Chemie - International Edition, 2022, 61, .	7.2	24
9	Î²-Arrestin biased dopamine D2 receptor partial agonists: Synthesis and pharmacological evaluation. Bioorganic and Medicinal Chemistry, 2017, 25, 5613-5628.	1.4	20
10	Structure-Based Design and Discovery of New M₂ Receptor Agonists. Journal of Medicinal Chemistry, 2017, 60, 9239-9250.	2.9	19
11	Differential allosteric modulation within dopamine D2R - neurotensin NTS1R and D2R - serotonin 5-HT2AR receptor complexes gives bias to intracellular calcium signalling. Scientific Reports, 2019, 9, 16312.	1.6	18
12	1,4-Disubstituted aromatic piperazines with high 5-HT2A/D2 selectivity: Quantitative structure-selectivity investigations, docking, synthesis and biological evaluation. Bioorganic and Medicinal Chemistry, 2015, 23, 6195-6209.	1.4	17
13	Fluorescent ligands for dopamine D2/D3 receptors. Scientific Reports, 2020, 10, 21842.	1.6	14
14	Visualization of ligand-induced dopamine D2S and D2L receptor internalization by TIRF microscopy. Scientific Reports, 2017, 7, 10894.	1.6	13
15	Hybridization of Î²-Adrenergic Agonists and Antagonists Confers G Protein Bias. Journal of Medicinal Chemistry, 2019, 62, 5111-5131.	2.9	12
16	Structural insights into ligand recognition, activation, and signaling of the Î± _{2A} adrenergic receptor. Science Advances, 2022, 8, eabj5347.	4.7	12
17	Homobivalent Dopamine D2 Receptor Ligands Modulate the Dynamic Equilibrium of D2 Monomers and Homo- and Heterodimers. ACS Chemical Biology, 2021, 16, 371-379.	1.6	10
18	Pharmacological Profile of 2-Bromoterguride at Human Dopamine D₂, Porcine Serotonin 5-Hydroxytryptamine 2A, and Î±_{2C}-Adrenergic Receptors, and Its Antipsychotic-Like Effects in Rats. Journal of Pharmacology and Experimental Therapeutics, 2013, 347, 57-68.	1.3	9

#	Article	IF	Citations
19	Fluorescent Ligands Targeting the Intracellular Allosteric Binding Site of the Chemokine Receptor CCR2. ACS Chemical Biology, 2022, 17, 2142-2152.	1.6	9
20	Bivalent ligands promote endosomal trafficking of the dopamine D3 receptor-neurotensin receptor 1 heterodimer. Communications Biology, 2021, 4, 1062.	2.0	6
21	Arrestinâ€Bound Rhodopsin: A Molecular Structure and its Impact on the Development of Biased GPCR Ligands. Angewandte Chemie - International Edition, 2015, 54, 13166-13168.	7.2	2
22	Functionally selective activation of the dopamine receptor D2 is mirrored by the protein expression profiles. Scientific Reports, 2021, 11, 3501.	1.6	2
23	Functional Reconstitution of Dopamine D2 Receptor into a Supported Model Membrane in a Nanometric Confinement. Advanced Biology, 2021, 5, e2100636.	1.4	1
24	Chemischâ€biologischer Werkzeugkasten fÃ¼r die intrazellulÃre Bindungsstelle von CCR9: Fluoreszierende Liganden, neue Leitstrukturen und PROTACs. Angewandte Chemie, 0, , .	1.6	0